

# Course Outline

(1-5: ZB Zeng; A-E: BS Yandell)

## Monday

- 1 Introduction of multiple interval mapping (MIM)
- 2 Score statistic for model selection in MIM
- A overview: multiple QTL approaches
- B R/qtl software demo

## Tuesday

- C Bayesian QTL mapping & model selection
- D R/qtlbim software demo
- 3 Multiple trait analysis
- 4 Computer demo by MIM

## Wednesday

- 5 Gene expression QTL analysis
- E data examples in detail